Preliminary version

Network Surveillance Solutions

3M H.264 IR-15M 3-Axis Vandal Dome

CAM6803TIR-PoE

- 3 Mega-Pixel CMOS Sensor
- H.264/MPEG4/MJPEG Triple mode & streaming
- Support D-WDR / DNR /8 steps manual shutter
- 20FPS @2048x1536
- Onvif Compliant
- Support Micro SD card for event recording
- IR distance up to 15 meters
- 3GPP for monitoring via smart phone
- 2-way audio
- Embedded PoE (CAM6803TIR-PoE)
- Free 36CH recording software

Specification

Hardware

CPU	ARM 9, 32 bit RISC
RAM	256MB
Flash	16MB
Image Sensor	1/3 CMOS, 3 Megapixel
Lens	Vari-focal 3 ~ 9 mm, F1.8
IR Distance	Up to 15 Meters
Day/ Night	Embedded IR Cut Filter (ICR)
Illumination	IR On: 0 Lux
Video Output	1 Analog video out (BNC connector)
Audio In / Out	1 Mic in, 1 Line out (Internal terminal block)
Digital I/O	1 In / 1 Out
Power Supply	CAM6803TIR-PoE: Use PoE: PoE Injector (IEEE 802.3af) Or, use Power Adaptor: DC 12V, 1A
Dimensions	Φ134 x H108 mm
Temperature	-10°C ~ +45°C

Network

Ethernet	10/ 100 Base-T
Network Protocol	HTTP, HTTPS,TCP/IP, RTP/RTSP, UDP, 3GPP, NTP, SMTP, FTP, PPPoE, Samba, DHCP, DDNS, UPnP, SNMP, QoS/DSCP, IP Filter, IEEE802.1x, IPv4/IPv6

Event System

Event Trigger	Motion Detection, Digital In
Trigger Actions	Send Email, Send to FTP, Save to Samba HDD, Save to Micro SD Card, Digital out

Client Requirements

OS	Windows XP / Vista / Win 7
Browser	IE7,IE8, FireFox, Safari, Chrome, Opera
Suggested	Intel Dual Core : 2.53G, RAM: 1GB, Graphic card: 128MB onboard RAM

System

Video Resolution	2048x1536, 1920x1080, 1280x720, 640x480, 320x240, 176x144
Compression Format	H.264 / MJPEG / MPEG-4
Frame Rate	Up to 20 FPS@2048x1536
Video Bitrate Adjust	CBR, VBR
Triple Streaming	Yes
3GPP	Yes, Live view with smart phone
Image Snapshot	Yes
Video Adjust	Brightness, Contrast, Hue, Saturation, Sharpness, AGC, Manual shutter adjust, D-WDR, Night Mode, Flip, Mirror, Digital Noise reduction, Exposure, Day & Night
Motion Detection	Yes, 3 different areas
Privacy Mask	Yes, 3 different areas
Pre/ Post Alarm	Yes, configurable
Security	Password protection IP address filtering, HTTPS encrypted data transmission, IEEE802.1x port-based authertication, QoS/DSCP
Connection	Up to 10 clients simultaneously
Audio	Yes, 2-way

Micro SD Card Management

Recording Trigger	Motion Detection, Digital In, IP Check, Network Disconnect
Video Format	Video (AVI), Snapshot (JPEG)
Schedule	Snapshot during schedule
Video Playback / Delete	Yes

Package List

PoE Model doesn't include power adaptor